

Nitric Oxide (NO) Assay Kit | NO assay kit

Nitric Oxide (NO) assay kit (Chemical NO₂⁻ assay)

CATALOG #
AAA172685

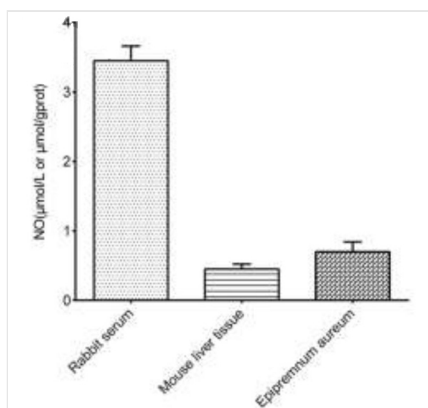
PRODUCT SYNONYMS

Nitric Oxide (NO); Nitric Oxide (NO) assay kit (Chemical NO₂⁻ assay); NO assay kit

PRODUCT SPECIFICATIONS

Specificity	50 Assays(48 samples)/ 100 Assays(96 samples)
Samples	Serum, plasma, saliva, animal and plant tissue samples
Detection Range	0.97-700 umol/L
Sensitivity	0.97 umol/L
Intra-assay Precision	Three human serum samples were assayed in replicates of 20 to determine precision within an assay (CV = Coefficient of Variation).
Inter-assay Precision	Three human serum samples were assayed 20 times in duplicate by three operators to determine precision between assays.
Preparation and Storage	Reagent 6: -20 degree C; Others: 2-8 degree C. Valid for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NO assay kit

Principle of the Assay: NO is easily oxidized to form NO₂⁻ in vivo or in aqueous solution, and a reddish azo compound is formed with the color developing agent, and the concentration of the azo compound is linearly related to the concentration of NO. The concentration of NO can be calculated indirectly by measuring the OD value at 550 nm.

Intended Uses: This kit can be used to measure nitric oxide (NO) in serum, plasma, saliva, animal and plant tissue samples.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/nitric-oxide-no/172685>